

This listing of claims will replace all prior versions, and listings, of claims in the application. In amendments to the claims, additions are represented by underlining and deletions are represented by ~~strikethrough~~.

**LISTING OF CLAIMS**

Claims 1-19 (canceled)

Claim 20 (currently amended): The method of claim ~~19~~ 40, wherein the carpet exhibits reduced moisture permeability, as compared to a carpet not having the thermoplastic polymer layer.

Claim 21-23 (canceled)

Claim 24 (currently amended): The method of claim ~~19~~ 40, wherein the yarn comprises one or more of: wool, cotton, nylon, acrylic, polytrimethylenetheraphthalate, polyester, or polypropylene.

Claim 25 (currently amended): The method of claim ~~19~~ 40, wherein the adhesive comprises one or more of: latex, polyethylene, ethylene acrylic acid, carboxylated SBR, ethylene vinyl acetate (EVA), polyvinyl chloride (PVC), or polyurethane.

Claim 26 (currently amended): The method of claim ~~19~~ 40, wherein the adhesive does not comprise a hot melt.

Claim 27 (currently amended): The method of claim ~~19~~ 40, wherein the primary backing comprises one or more of: jute, wool, polypropylene, polyethylene, polyamide, polyesters, or rayon.

Claim 28 (currently amended): The method of claim 19 40 further comprising attaching an intermediate layer between the back side of the primary backing and the first side of the secondary backing wherein the intermediate layer comprises one or more of: fiberglass, foam, or wire stabilizer mesh.

Claim 29 (currently amended): The method of claim 19 40, wherein the secondary backing comprises one or more of: jute, wool, polypropylene, polyethylene, polyamide, polyesters, or rayon.

Claim 30 (currently amended): The method of claim 19 40, wherein thermoplastic polymer layer comprises a single layer.

Claims 31-33 (canceled)

Claim 34 (currently amended): The method of claim 19 40, wherein the thermoplastic polymer layer further comprises an additive comprising one or more of: flame retardants, antioxidants, antimicrobials, smoke suppressants, wetting agents, or frothing aids.

Claim 35 (currently amended): The method of claim 19 40, wherein the thermoplastic polymer layer is present on the carpet at from about less than or equal to 10 ounces by weight per square yard of carpet.

Claim 36 (original): The method of claim 35 wherein the thermoplastic polymer layer is present on the carpet at from about 4 to about 10 ounces by weight per square yard of carpet.

Claim 37 (original): The method of claim 35 wherein the thermoplastic polymer layer is present on the carpet at from about 0.5 to about 4 ounces by weight per square yard of carpet.

Claim 38 (canceled)

Claim 39 (currently amended): The method of claim ~~19~~ 40 further comprising cutting the carpet into carpet tiles.

Claim 40 (new): A method of manufacturing a carpet having a thermoplastic polymer layer wherein the method comprises:

- a) providing a carpet consisting essentially of:
  - i) yarn tufted into a primary backing, wherein the primary backing has a face side and a back side;
  - ii) an adhesive at the back side of the primary backing, thereby affixing the yarn to the primary backing;
  - iii) a woven secondary backing having a first side and a second side wherein the first side is attached directly or indirectly to the back side of the primary backing; and
- b) extruding a thermoplastic polymer layer to the second side of the secondary backing at a temperature of between about 400 and 550 °F, wherein the thermoplastic polymer consists essentially of one or more of: ULDPE, LDPE, MDPE, HDPE, SLEP, or HBLEP,

thereby providing a carpet having a thermoplastic polymer layer affixed to an outer surface of the carpet, and wherein the outer surface of the carpet has a decreased coefficient of friction as compared to a carpet not having the thermoplastic polymer layer.